

Semester Lecture Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim, Goa-India							
Name of Faculty: Ms. Magnolia Aurea Miranda				Subject: Geology			
Paper code: GEO 241, THE CHANGING EARTH				Program/Course: SY B.Sc.		Division:	
Academic year: 2026 - 2027				Semester: III		Total Lectures: 15	
Course Objectives: 1. This course will provide knowledge on mainly the optical properties of minerals and their identification 2. It will also provide the general description and distinction of silicate group of minerals.							
Course Learning Outcome: At the end of the course, the student will be able to: 1. Explain the processes of weathering, erosion, transportation and deposition by various agents. CL3 2. Interpret various landforms associated with work of wind and groundwater. CL3 3. Identify various landforms formed by action of rivers, glaciers and oceans and seas. CL3 4. Solve problems related to fluvial geomorphology. CL3							
Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
June	22/6/26	27/6/26	1	Weathering and Erosion		Projector	Monroe, S. J and Wicander R. (2014). The Changing Earth: Exploring Geology and Evolution
July	29/6/26	4/7/26	1	Mechanical weathering		Projector	
	06/7/26	11/7/26	1	Mechanical weathering		Projector	
	13/7/26	18/7/26	1	Chemical Weathering		Projector	
	20/7/26	25/7/26	1	Chemical Weathering		Projector	

	27/7/26	1/8/26	1	Chemical Weathering		Projector	Carlson, D.H., Plummer, C.C., McGeary, D. (2008). Physical Geology: Earth revealed
August	3/8/26	8/8/26	1	Biological Weathering		Projector	
	10/08/26	15/8/26	1	Agents of Transportation		Projector	
	17/8/26	22/8/26	1	Agents of Transportation		Projector	
	24/8/26	29/8/26	1	ISA		Projector	
September	1/9/26	5/9/26	1	Modes of transportation			
	7/9/26	12/9/26	1	Modes of transportation		Projector	
	21/9/26	26/9/26	1	Factors Affecting Deposition		Projector	
October	28/9/26	3/10/26	1	Factors Affecting Deposition		Projector	
	5/10/26	10/10/26	1	Revision			

Assessment Rubrics

Component	Max Marks
ISA 1	7.5
ISA 2	7.5
Practical	25
Project	-
Semester End Exam	60